

Pat. No. 4,000,000

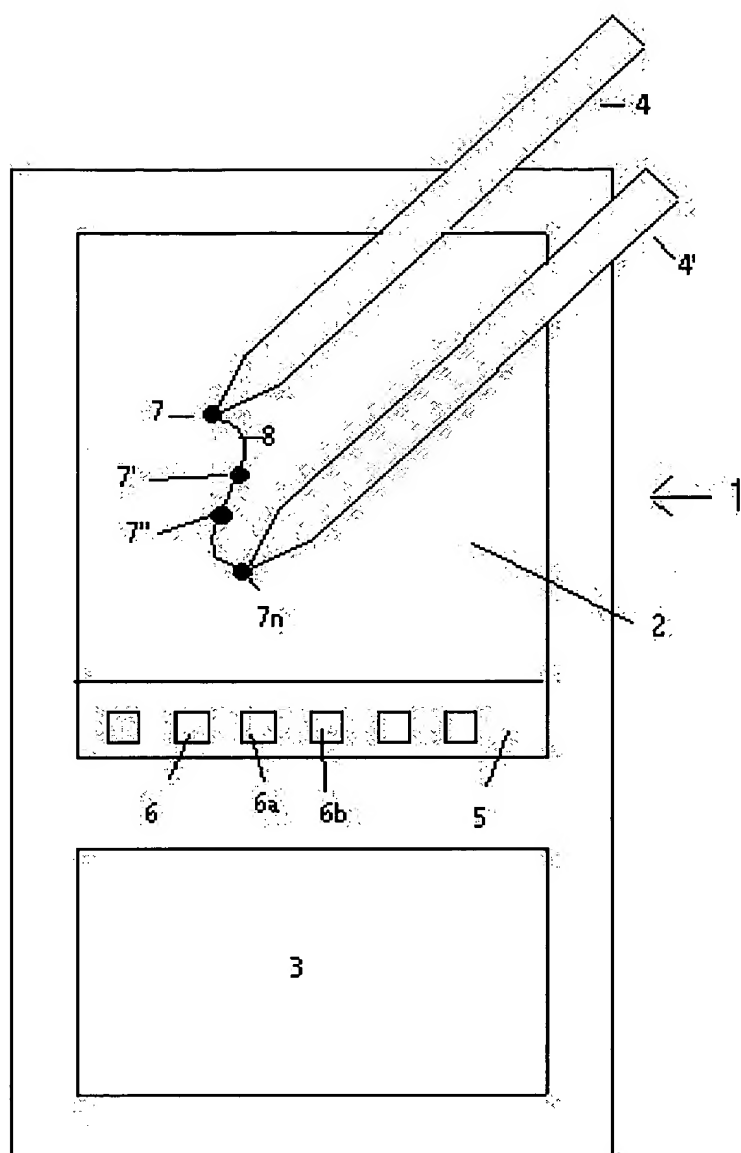
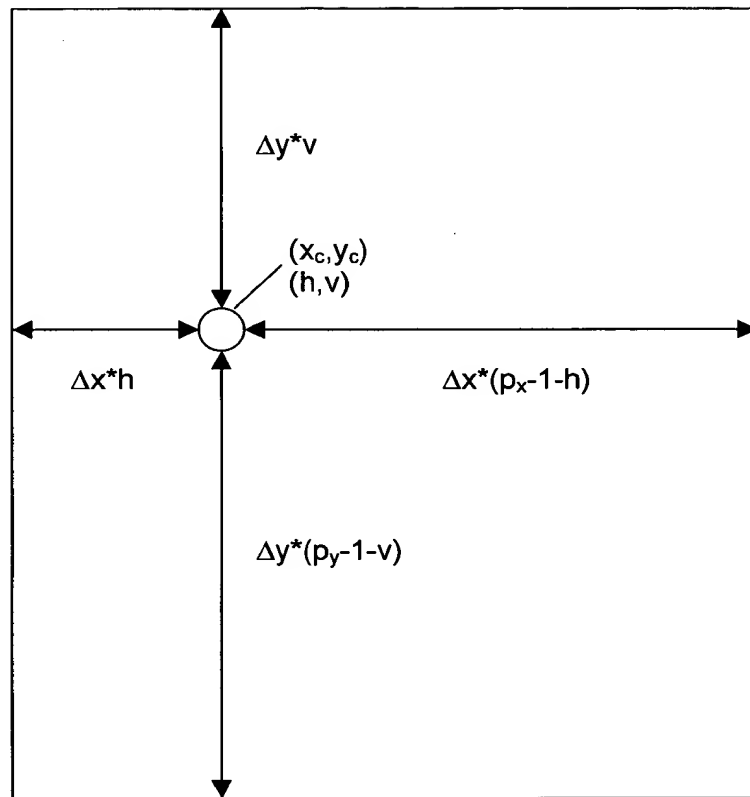


Fig. 1

Table 1	
Relation	Formula
Linear	$y = m(x-h) + k$
Quadratic	$y = a(x-h)^2 + k$
Circle	$(x-h)^2 + (y-k)^2 = r^2$
Ellipse	$(x-h)^2/a^2 + (y-k)^2/b^2 = 1$
Hyperbola1	$(x-h)^2/a^2 - (y-k)^2/b^2 = 1$
Hyperbola2	$(y-k)^2/b^2 - (x-h)^2/a^2 = 1$
Parabola1	$y = a(x-h)^2 + k$
Parabola2	$(y-k)^2 = c(x-h)$
Exponential1	$y = b \cdot a^x + k$
Exponential2	$y = b \cdot e^{ax} + k$
Logarithmic	$y = b \cdot \ln(a(x-h)) + k$
Power	$y = a(x-h)^r + k$
Sine	$y = b \cdot \sin(a(x-h)) + k$
Cosine	$y = b \cdot \cos(a(x-h)) + k$

Fig. 2

$(x_{\min}, y_{\max})$   
 $(0,0)$



$(x_{\max}, y_{\min})$   
 $(p_x-1, p_y-1)$

Fig. 3

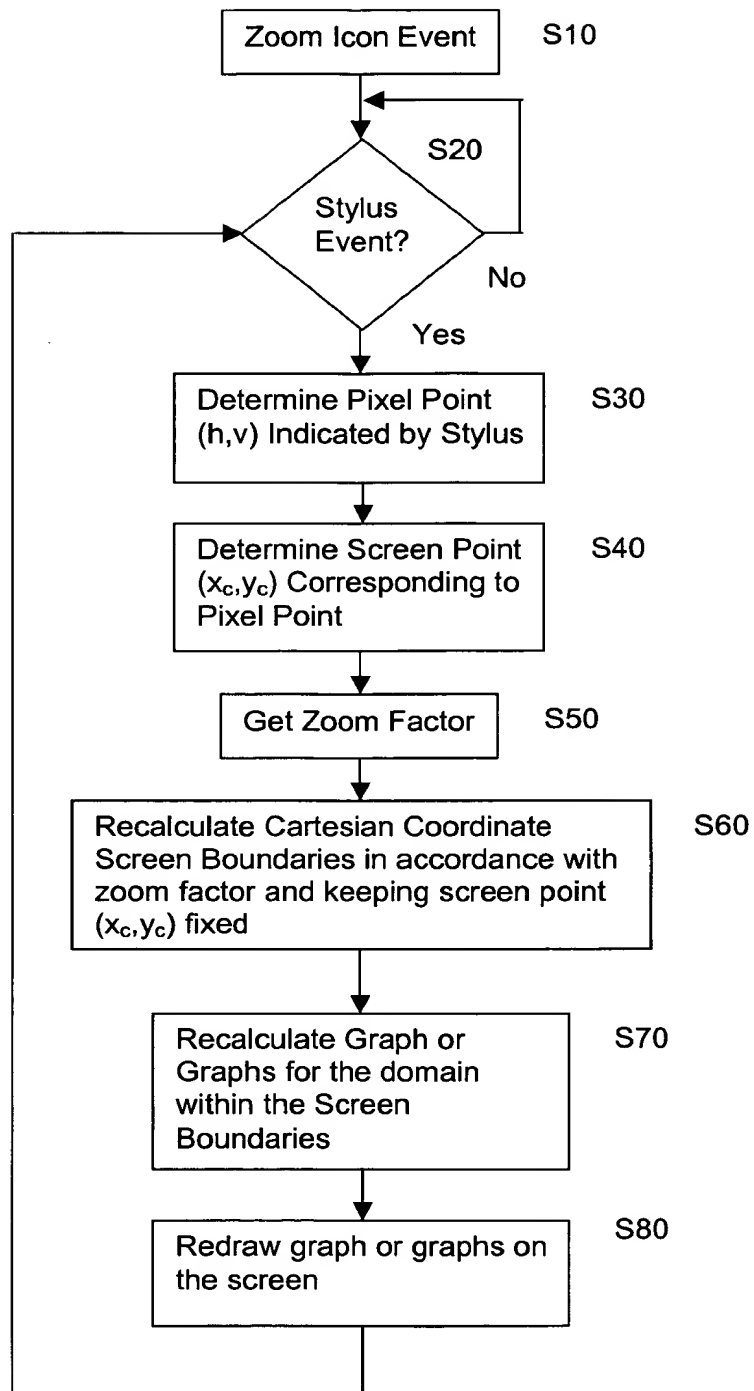


Fig. 4

0. user initiates dynamic zoom

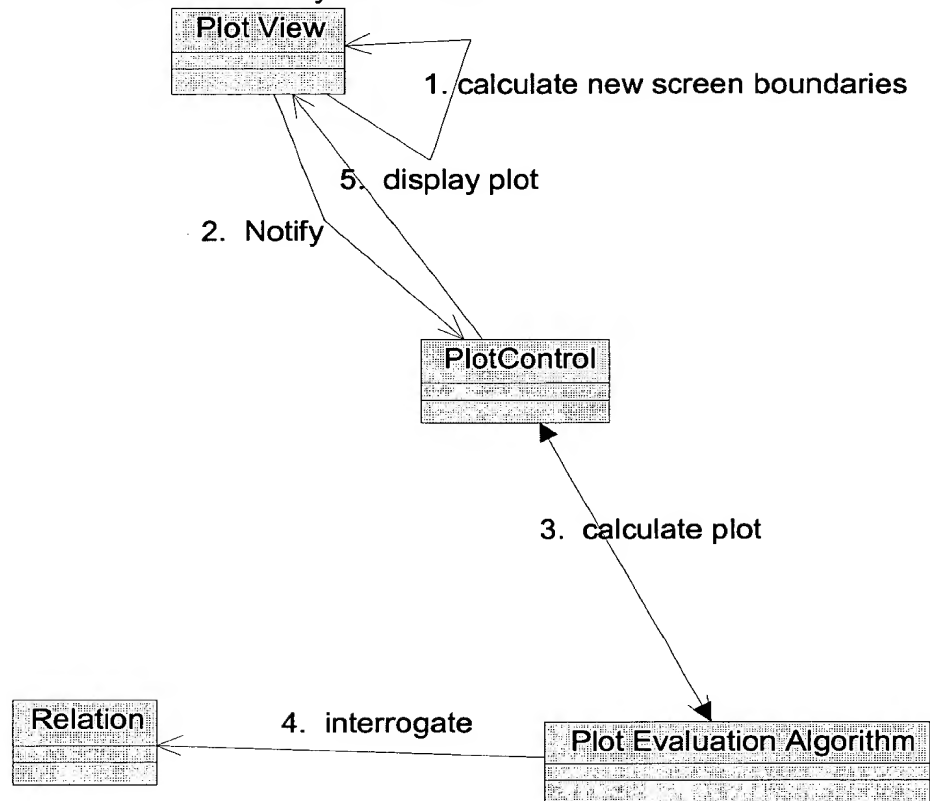


Fig. 5

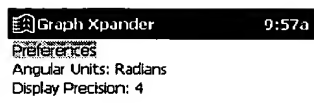


Fig. 6

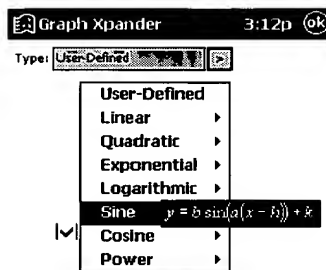


Fig. 7

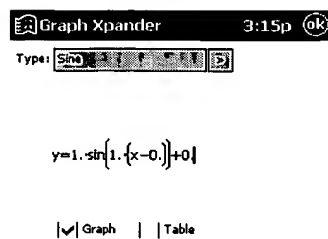


Fig. 8

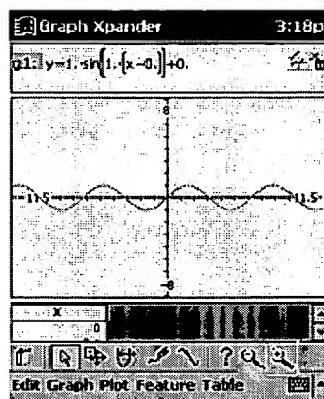


Fig. 9

